UTL AT DOWNSVIEW
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Bgt. 3

LAND CLASSIFICATION MAP OF AFRICA

190074 24.6.24

BY H. L. SHANTZ AND C. F. MARBUT

1:10,000,000

MILES 100 0 100 200 300 400

KILOMETERS 100 0 100 200 300 400 500 600 700 800

The agricultural potentiality of the areas shown on the map is indicated in decreasing order by the letters A to W. In addition, the type of land utilization for which each area is suited, with the degree of its potential productivity, is indicated in the following table. Under each type in this table the areas are likewise given in decreasing order of productivity.

TROPICAL AGRICULTURAL LAND

A,D	Very high productivity
F, I, J, K, L, M	High productivity
N, O, Q	Medium productivity
R	Low productivity
S	Very low productivity

SUBTROPICAL OR TEMPERATE AGRICULTURAL LAND

B,C	Very high productivity
G, E, H	High productivity
P	Medium productivity
R	Low productivity
S	Very low productivity

GRAZING LAND

C	Very high productivity
E	High productivity
G, F, I, P, Q, R, T, S	Medium productivity
H, U, K, M, L, O, O	Low productivity
A, B, I, N	Very low productivity

A	M		
B	N		
C	O		
D	P		
E	Q		
F	R		
G	S		
H	T		
I	U		
J	V		
K	W		
L			

FOREST LAND

A, N, I, B	Very high productivity
V, K, M	High productivity
O, D, E, F, J, L	Medium productivity
H, Q, R, R	Low productivity
S, T	Very low productivity

DESERT

W No productivity

For a supplemental key expressing each individual area from A to W directly in terms of the types of land utilization for which it is suited, and their degrees of productivity, see the text, pp. 226-241.

SPAIN
PORTUGAL
MEDITERRANEAN SEA
MINOR ASIA
CYPRUS
SICILY
MALTA
CRETE
MOROCCO
ALGERIA
TUNISIA
LIBIA
EGYPT
PENINSULA OF SINAI
CANARY ISLANDS
Madeira
SAHARA OR GREAT DESERT
TANEZRUFT
EL JUF
TIBESTI
TARSO MTS.
AZAWAD
ADRAR
TAGANT
ASBEN
AZBAR FAZANIA
KUFARA
LIBYAN DESERT
NUBIAN DESERT
ARABIAN DESERT
ANGLO-EGYPTIAN SUDAN
KORDOFAN
DARFUR
KHARTUM
BAHR EL GHAZAL
BAHR EL ARAB
BAHR EL JEBEL
BAHR EL ZERAF
SENEGAL
GAMBIA
PORTUGUESE GUINEA
FRENCH GUINEA
SIERRA LEONE
LIBERIA
IVORY COAST
GOLD COAST
ASHANTI
TOGO
DAHOMEY
NIGERIA
HAUT-SENEGAL-NIGER
MASINA
MOSSI
GURMA
HAUSA STATES
DAMERGU
KANEM
BORNU
WADAI
SHARI
LOGONE
KAMERUN
FERNANDO PO
PRINCE'S I.
ST THOMAS I.
ANNOBOM I.
FRENCH CONGO
BELGIAN CONGO
PORTUGUESE GUANZA
LOANDA
LUNDA
S. Paulo de Loanda
Novo Redondo
ABYSSINIA
BRITISH SOMALILAND
ITALIAN SOMALILAND
OGADEN
GALLA
DANAKIL
BRITISH EAST AFRICA
GERMAN EAST AFRICA
UGANDA
VICTORIA NYANZA
L. Rudolf
L. Chad
L. Tsana
L. Faguibine
L. Debo
COMORO IS.
MOHILLA I.
JOHANNA I.
C. Delgado
GULF OF ADEN
RED SEA
CHANNEL

RAINFALL MAP OF AFRICA

BY J. B. KINCER

1:25,000,000

MEAN ANNUAL RAINFALL

mm.	ins.
250	10
500	20
750	30
1000	40
1250	50
1500	60
2000	80
2500	100
3750 and over	150 and over

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Amer. Geogr. Soc. Research Series No 1

Bot. S.

VEGETATION MAP OF AFRICA

190074 24.6.24

BY H. L. SHANTZ

1:10,000,000

MILES 100 0 100 200 300 400

KILOMETERS 100 0 100 200 300 400 500 600 700 800

FOREST

- M Mangrove
- FF Tropical rain forest
- F Temperate rain forest
- C Oak-conifer forest
- D Dry forest
- T Thorn forest
- B Temperate brush
- O Oases

GRASSLAND

- XG High grass – low tree savana
- S Acacia – tall grass savana
- G Tall grass
- g Acacia – desert grass savana
- m Mountain grass
- M Alpine meadow
- P Dwarf palm – temperate grass
- W Marsh grass

SEMI-DESERT SHRUB

- Dg Desert shrub – desert grass
- Ds Desert shrub
- Ds Salt desert shrub

DESERT

- Dd Desert

SOIL MAP OF AFRICA

BY C. F. MARBUT

1:25,000,000

SCALES

S Brown soils of the Cape Province and Atlas region	Lr Red loams
N Natal loams	Ll Immature red loams
Pr Prairie soils of the Transvaal	Fl Ferruginous red loams
RC Chernozem soils	Ll Lateritic red loams
Ch Light-colored soils of the chernozem group	L Laterites
RC Chestnut-brown soils	Pr Tropical prairie soils
D Desert soils, undifferentiated	S Sands or very sandy soils
Sd Brown desert soils	Al Alluvium

The differentiation of the soils on this map is based on: (1) studies of about a dozen samples collected in Africa by H. L. Shantz; (2) rather definite data in the literature for certain localities in Tanganyika Territory, Kenya Colony, Belgian Congo, and French Guinea; (3) the soil provinces from the known relations of climate, native vegetation, and superficial deposits to the soils of climate, vegetation, and topography to the soils of those localities in Africa whose soil character has been definitely determined.

Names not legible on this inset may be read by referring to the main map.

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